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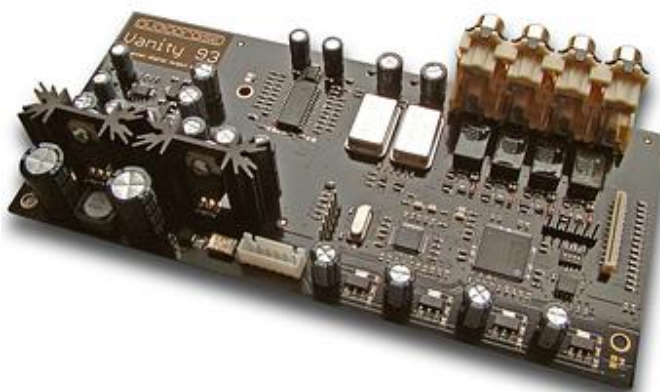
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Vanity HD series

High-resolution multichannel digital output modules for OPPO BDP-93 and BDP-103 with re-clocking and advanced DSD processing



The launch of the Vanity – our very first high resolution digital output module – in 2006 enabled all audiophiles owning a stand-alone external digital to analogue converter to play back high resolution material in full digital quality. With the onset of the Blu-ray format, developments of digital home theatre and

the spread of multi-channel recordings, it was becoming ever more apparent that a good signal source for fully digital multi-channel amplifiers and high-end rigs was absent on the market.

This has been true – up to now!



The Vanity⁹³ HD and Vanity¹⁰³ HD continue the product range started by their two-channel predecessor designed for universal DVD players. They enable to turn the Oppo BDP-93 and BDP-

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transport. OPPO Blu-ray players are highly praised for their reliability and the number of third-party upgrades available. The Vanity HD are add-on modules that can simply replace the analogue output circuit board with full resolution digital outputs.

Features & Specifications

- 8 channel S/PDIF Output
 - protocol: S/PDIF (IEC958 / EIAJ CP1201)
 - type: reclocked transformer isolated 75Ω RCA coaxial
 - format: linear PCM stereo
 - supported sampling rates: 44.1 / 48 / 88.2 / 96 / 176.4 / 192kHz
 - supported bit depths: 16 / 24bit
- S/PDIF Reclocking
 - 2x custom low jitter onboard VCXO
 - digitally controlled frequency tuning, $f_c < 1\text{Hz}$
 - ultra low-noise power regulators for VCXO and TX circuits
- High Quality Direct Stream Digital to Linear PCM Conversion
 - custom developed Zero Alias Linear Phase Filter
 - 37bit arithmetic / 47bit accumulator
 - output sample rates: 88.2kHz / 176.4kHz
 - DSD to LPCM filter characteristics individual for both output sample rates
 - full precision 4.0 DSD down-mix option
- User Configurable Functionality
 - DSD to LPCM output sampling rate: 88.2kHz / 176.4kHz
 - output bit depth settings: 16 / 24bit
 - dedicated DSD 4.0 down-mix enable / disable
 - 4 user selectable DSD to LPCM filter characteristics #1 / #2 / #3 / #4
 - data jitter reduction: OFF/stage 1-3